

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

7024-509

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

10/049137

INTERNATIONAL APPLICATION NO.
PCT/US00/22725INTERNATIONAL FILING DATE
18 August 2000 (18.08.00)PRIORITY DATE CLAIMED
20 August 1999 (20.08.99)

TITLE OF INVENTION

METHODS AND COMPOSITIONS FOR REGULATING DEVELOPMENTAL IDENTITY

APPLICANT(S) FOR DO/EO/US

Joseph P. OGAS; Chris R. SOMERVILLE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - a. PCT Request, b. International Publication
 - c. International Publication, with search report
 - d. Notification of Receipt of Demand
 - e. Notification of Transmittal of the Search Report
 - f. Response to the International Search Report

Express Mail Label No.: EL5518020441US

Date of Deposit: FEBRUARY 7, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Russ G. G. G. G.
Signature of person mailing paper or fee

- g. Written Opinion, h. Response to Written Opinion
- i. Form PCT/IB/304, 308, 332
- j. International Preliminary Examination Report
- k. Return Postcard

10/0491

PCT/US/00/22725

7024-509

21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO **\$1040.00**

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO **\$890.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$740.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$710.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =**CALCULATIONS PTO USE ONLY**

\$ 100--

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☒ 20 ☒ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130--

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	83 - 20 =	63	x \$18.00	\$ 1134--
Independent claims	14 - 3 =	11	x \$84.00	\$ 924--
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ --

TOTAL OF ABOVE CALCULATIONS =

\$ 2288

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

+

\$ 1144--

SUBTOTAL =

\$ 1144--

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ --

TOTAL NATIONAL FEE =

\$ 1144--

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

\$ --

TOTAL FEES ENCLOSED =

\$ 1144--

**Amount to be
refunded:**

\$

charged:

\$

- a. ☒ A check in the amount of \$ 1144.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 23-3030 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 23-3030. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Gregory B. COY
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SIGNATURE

Gregory B. COY

NAME

#40,967

REGISTRATION NUMBER

In re PCT application of)
PURDUE RESEARCH FOUNDATION,)
et al.)
)
International Application)
Number PCT/US00/22725) Mailing Date
) 05 April 2001
International Filing Date)
18 August 2000) Agent's File
) Reference:
Title of Invention) 7024473P118
METHODS AND COMPOSITIONS FOR)
REGULATING DEVELOPMENTAL)
IDENTITY)

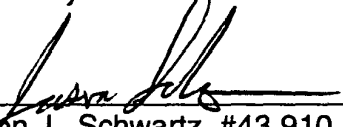
RESPONSE TO THE INTERNATIONAL SEARCH REPORT

The International Bureau
WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

Dear Sir/Madam:

In response to the International Search Report mailed 19 March 2001, regarding the above-referenced PCT Patent Application, Applicant does not wish to make any amendments at this time.

Respectfully submitted

By 
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